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# PlasmaSync® 50XC10

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NEC Display Solutions

**Stylish Plasma Public Displays for multimedia applications and design oriented installation purposes.**

- Stylish design
- 50" WXGA resolution
- HDMI and DVI with HDCP support
- Overheating protection
- 1080p and 24p compatible

# PlasmaSync® 50XC10

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Screen Size [inch/cm] | 50/127 |
| Native Resolution (H x V) [Pixel] | 1365 x 768 |
| Screen Size (H x V) [mm] | 1106 x 622 |
| Aspect Ratio | 16:9 |
| Viewing Angle | Over 160° |
| Contrast (typ.) | 15000:1 |
| Panel Brightness (typ.) [cd/m²] | 1500 |
| Real Colour Reproduction | 1 billion colours, 1024 steps (10 bit) |
| Digital Zoom | 100 - 900 % (selectable) |
| Picture Modes | Bright / Normal / Cinama1 / Cinema2 / Default |
| Enhanced Split Screen | PIP (4 modes), Side by Side (6 modes), Sub Picture Detect / Fade / Transparency |
| Motion Compensated 3D Scan-Converter | PAL, NTSC, 480i, 576i, 525i, 625i, 1035i, 1080i |
| Complete Progressive Support | 480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@24/25/30/50/60Hz, PC: W-UXGA (1920 x 1200 max) |
| Noise Reduction | NR-1, NR-2, NR-3 |
| Aspect Mode | Normal, Full, Dynamic, Zoom, 2,35:1, 14:9, Underscan |
| PDP Screensaver | PLE (3 modes), Inverse, White, Orbiter (5 modes) |
| Tuner | Optional |
| Composite 1 | RCA x 1 |
| Composite 2 | - |
| S-Video | 4 pin DIN x 1 |
| SCART 1 | RGBs (via Adapter at DVD/HD1)* |
| SCART 2 | RGBs (via Adapter at RGB)* |
| Component 1 | RCA (Y, Pb[Cb], Pr[Cr]) x 1* |
| Component 2 | RCA (Y, Pb[Cb], Pr[Cr]) x 1 |
| PC (RGB) | 15 pin D-Sub (RGBHV/RGBs) x 1* |
| DVI-D / HDMI | DVI-D (HDCP) x 1 / HDMI x 1 |
| Audio 1 | RCA Phono (L+R) x 1 |
| Audio 2 | RCA Phono (L+R) x 1 |
| Audio 3 | RCA Phono (L+R) x 1 |
| Speaker Output | 8 + 8 W at 8 Ohm |
| Front Panel User Controls | Power ON/Standby, Audio Mute, Input Select/(Set), +/(Right), -/(Left), Up, Down, Exit/Menu |
| Serial Communication | D-Sub 9 pin Serial x 1 (RS-232C, In/Out); Daisy Chain; AMX Cafè Duet |
| Power Source | 100 to 240 V at 50/60Hz |
| Power Consumption (typ.) [W] | 370 |
| Current Rating (max.) [A] | 6.0 |
| Dimensions (W x H x D) | 1221 x 748 x 130 |
| Net Weight [kg] | Without stand: 49.0; With stand: 59.5 |
| Temperature | 0ºC to 40ºC (operation) / -10ºC to 50ºC (storage) |
| Humidity | 20 % to 80 % (operation) / 10 % to 90 % (storage) – no condensation |
| Altitude | 0 to 2000 m (6160 feet, operation) / 0 to 3000 m (9510 feet, storage) |
| Options | Speakers, stand |
| Special Features | 3D Scan Converter, 3-2/2-2 Pulldown Converter, Digital Zoom, Burn In Reduction Tools, Auto Picture, Colour Tune, Gamma Correction, Auto Luminance Management, Remote-ID up to 26 devices, Overheating protection |

*DVD/HD1 and RGB inputs support different signals.

PlasmaSync® and OSM are registered trademarks of the NEC Corporation. The plasma display screen, also called „panel", is comprised of tiny image elements (cells). Although NEC manufactures these plasma displays with 99.99 % of their cells active, individual cells may occasionally produce no light or remain lit when they should have turned off. The brightness of a plasma display declines during the course of the unit's lifetime. Static images should not be displayed over a longer period of time, as this may cause phosphor burn on certain areas of the screen. Phosphor burn is not covered by the warranty. Please note our terms and conditions of our guarantee at www.nec-display-solutions.com Status: November 2007. Technical modifications excepted.

Plasma 50XC10-UK-11/07

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